Configuration Aid for PS/2® Models 50 and higher
MEMORY • SCSI DEVICES

G320-9987-01

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SCSI Configurator

Models	Models	Models ①	Models ②	Models ②
50, 50Z 55 SX, 55 LS P70 70 386, 70 486	60 80-041, 80-071 80-111, 80-311	65 SX 80-other (SCSI Standard)	90 XP 486	95 XP 486

INTERNAL DEVICES*

CO-REQUISITE FEATURE

SCSI Fixed Disk Drives ③	
80MB #6451045 FC 1045	1st SCSI Disk
160MB #6451046 FC 1046	2nd SCSI Disk
320MB #6451108 FC 1108	3rd SCSI Disk
	4th SCSI Disk
	5th SCSI Disk
CD ROM Drive #6451113 FC 1113	CD ROM
2.3GB Tape Drive #6451121 FC 1120	TAPE

SCSI ADAPTERS

MICRO CHANNEL SCSI ADAPTER #6451109 FC 1005
MICRO CHANNEL SCSI ADAPTER WITH CACHE #6451110 FC 1018

NOTES

① These models include one Micro Channel SCSI Adapter as a standard feature.

② These models include one Micro Channel SCSI Adapter with Cache as a standard feature.

③ Can be installed in any mix up to maximum number drives allowed per model type.

④ Can only attach as 1st external device; includes 320MB file and cabling for installing up to 6 additional internal SCSI devices.

★ Possible combinations are determined by available system bays.

EXTERNAL DEVICES

CD ROM External Drive #3510001

SCSI External Enclosure ④ #3511003

IF NO EXTERNAL DEVICE

WITH EXTERNAL DEVICE

† Terminator included with standard system adapter.

1st Device	CARD TO OPTION CABLE: #6451041 FC 1041 Includes Option Terminator for last external device.
Next Device	OPTION TO OPTION CABLE: #6451042 FC 1042
Last Device	OPTION TO OPTION CABLE: #6451042 FC 1042 Install Option Terminator on this device. (Included in #6451041)

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70 Series					80 Series				
70-E61	70-061 70-121	70-Axx 70-Bxx	P70-031	P70-061 P70-121	80-041	80-071	80-111 80-311	80-other (SCSI)	80-Axx (SCSI)

MEMORY ON SYSTEM BOARD

Standard Memory
Maximum Memory

Memory Expansion Kits can be added to System Board

SYSTEM BOARD MEMORY EXPANSION KITS

Part Number
Feature Code
Memory Capacity

Part Number
Feature Code
Memory Capacity

Part Number
Feature Code
Memory Capacity

Memory Variations Possible on System Board — Megabytes

• A minimum of 2MB of memory must be installed on system board when using adapter #34F3077 or #34F3011.

MEMORY OPTIONS

Additional memory may be added with the use of **Memory Expansion Cards.**

MEMORY EXPANSION CARD	#6450605 FC 5211	or #34F3077 FC 3077	or #34F3011 FC 3011
Capacity Range	2-8MB	2-14MB	4-14MB
Max # of Memory Cards per System	two†	one	one
Maximum System Memory	16MB	16MB	16MB
Memory Kits used to upgrade Memory Cards	#6450603 FC 5212/1MB #6450604 FC 5213/2MB	#6450603 FC 5212/1MB #6450604 FC 5213/2MB #87F9977 FC 3933/4MB	#6450603 FC 5212/1MB #6450604 FC 5213/2MB #87F9977 FC 3933/4MB
Number of Memory Kits that can be added to each Memory Card	maximum of three	maximum of three	maximum of three

† P70 All Models limited to maximum of one memory card per system.

90 and 95 XP Series

All Models

MEMORY ON SYSTEM BOARD

Standard Memory	4MB
Maximum Memory	32MB**

6* Memory Expansion Kits can be added to System Board

SYSTEM BOARD MEMORY EXPANSION KITS

#6450902 FC 0129 2MB/70ns	Part Number Feature Code Memory Capacity/Speed
#6450128 FC 0128 4MB/70ns	Part Number Feature Code Memory Capacity/Speed

Memory Variations Possible on System Board: 4,8,12,16, 20,24,28,32 MB

* Memory kits are added in matched pairs. Six memory sockets are available to accommodate 3 additional pairs of memory kits.

** Achieving 32MB requires replacing standard memory with two 4MB kits.

PS/2

Memory Configurator

Micro Channel Systems

INSTRUCTIONS

Set appropriate arrow to system. Read memory information for the system board in the windows.

50 Series		55 Series		60 Series	65SX Series		
50	50Z All Models	55 SX-031 55 SX-061	55 LS	60 All Models		All Models	

MEMORY ON SYSTEM BOARD

Standard Memory	
Maximum Memory	

Memory Expansion Kits can be added to System Board

SYSTEM BOARD MEMORY EXPANSION KITS

Part Number	
Feature Code	
Memory Capacity	
Part Number	
Feature Code	
Memory Capacity	
Part Number	
Feature Code	
Memory Capacity	

Memory Variations Possible on System Board — Megabytes

* Replace Standard Memory to get Maximum Capacity on System Board.

MEMORY OPTIONS

Additional memory may be added with the use of **Memory Expansion Cards.**

MEMORY EXPANSION CARD	#6450609 FC 8286
Capacity Range	2-8MB
Max # of Memory Cards per System	two
Maximum System Memory	16MB
Memory Kits used to upgrade Memory Cards	#6450603 FC 5212 1MB #6450604 FC 5213 2MB
Number of Memory Kits that can be added to each Memory Card	maximum of three

Standard	Standard	Standard	SCSI Fixed Disk Drive Kit A #6451053 FC 1053	Not Allowed
No additional feature is required	No additional feature is required	No additional feature is required	No additional feature is required	Not Allowed
No additional feature is required	No additional feature is required	SCSI Fixed Disk Drive Kit A #6451053 FC 1053	Not Allowed	Not Allowed
No additional feature is required	Not Allowed	No additional feature is required	Not Allowed	Not Allowed
No additional feature is required	Not Allowed	Not Allowed	Not Allowed	Not Allowed
No additional feature is required	No additional feature is required	CD ROM KIT A #6450847 FC 0847. Can't install if 3rd or 4th SCSI Disk installed.	CD ROM KIT A #6450847 FC 0847. Can't install if 1st or 2nd SCSI Disk installed.	Not Allowed
No additional feature is required	Not Allowed	Not Allowed	Not Allowed	Not Allowed
For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 † SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.	For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 † SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.	For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.	For Micro Channel SCSI Adapter with Cache , a card terminator is required. #6451039 FC 1039 SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.	Only external SCSI devices are supported on these systems. SEE TABLE AT RIGHT FOR REQUIRED CABLE OPTIONS.

	4MB 8MB	**2MB 4MB**	**2MB 4MB**	**2MB 2MB**	**1MB* 2MB**	**4MB 8MB**	**2MB 8MB**	**2MB 8MB**	**2MB 6MB**	**2MB 6MB**
1	1	1	N/A	1	2	3	3	2	2	
	#6451060 FC 1060 4MB	#6450379 FC 8722 2MB	#6450379 FC 8722 2MB	N/A	#6450375 FC 3009 1MB	#6450604 FC 5213 2MB	#6450604 FC 5213 2MB	#6450608 FC 5214 2MB	#6450603 FC 5212 1MB #6450604 FC 5213 2MB	#6450603 FC 5212 1MB #6450604 FC 5213 2MB
	4, 8	2, 4	2, 4	2	1, 2	4, 6, 8	2, 4, 6, 8	2, 4, 6, 8	2, 3, 4, 5, 6	2, 3, 4, 5, 6

	2MB 8MB*	**1MB 1MB**	**2MB 8MB***	**2MB 8MB***	**1MB 2MB***	**1MB 1MB**
1	N/A	1	1	0	N/A	
	#6450603 FC 5212 1MB #6450604 FC 5213 2MB #87F9977 FC 3933 4MB	N/A	#6450603 FC 5212 1MB #6450604 FC 5213 2MB #87F9977 FC 3933 4MB	#6450603 FC 5212 1MB #6450604 FC 5213 2MB #87F9977 FC 3933 4MB	#6450604 FC 5213 2MB	N/A
	2, 3, 4, 5, 6, 8	1	2, 3, 4, 5, 6, 8	2, 3, 4, 5, 6, 8	1, 2	1